

Building Clinical Capacity to Reduce Workforce Shortages



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Dean of Empire State College School of Nursing

Dr. M. Bridget Nettleton has a Ph.D. in educational administration and policy from SUNY Albany, as well as her Bachelor of Science degree in nursing. She earned a Master of Science in Nursing from Russell Sage College. She has been extremely active nationally in the professional advancement of nursing, and with issues related to state regulatory environments and accreditation. Dr. Nettleton is a certified nurse educator (CNE), active with board activities for SSTI Tau Kappa Chapter-at-Large and is President of the New York State Council of Deans and Directors for Baccalaureate and higher degree nursing programs.

Title VIII

The Title VIII Nursing Workforce Reauthorization Act of 2019 (H.R. 728) was introduced in the U.S. House of Representatives on January 23, 2019. The legislation has been referred to the Subcommittee on Health within the Energy and Commerce Committee. Substantially identical legislation was not approved by the House of Representatives in the last legislation session (2017-2018) but was approved by the Senate prior to the expiration of the legislative term. This bipartisan legislation is sponsored by the House Nursing Caucus led by Caucus Co-Chairs Rep. David Joyce (ROH) and Rep. Tulsi Gabbard (D-HI). If enacted, this legislation would reauthorize the Nursing Workforce Development Programs established under Title VIII of the Public Health Service Act through fiscal year 2024. Title VIII provides vital funding for nursing education, recruitment, retention and nursing faculty preparation, advancing education and practice in rural and underserved communities across the United States.

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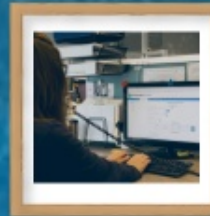


The Problem:

Nursing shortages at the bedside and within academia



Administrative Burdens



Automated Processes



A Solution

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Nursing shortages at the bedside and within academia



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A Solution

Staffing Shortages: The Administrative Burden



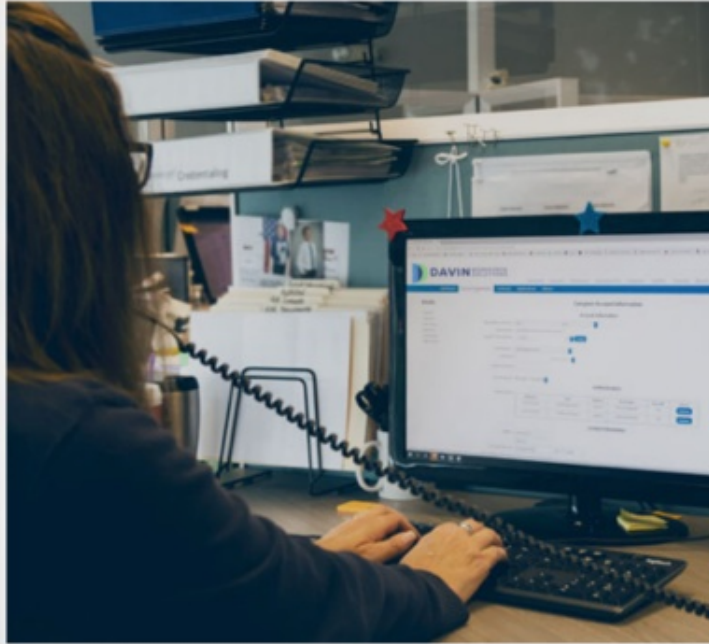


With an ever-increasing demand to have fully digital administrative responsibilities, healthcare information is particularly vulnerable to disappearing documents, missed deadlines, and malicious cyber attacks.



The process of on-boarding and managing nursing students' credentials is complex and prone to delays and security issues.

Healthcare administrators need to clear new nursing students, securely store important documents, and stay on top of expiring credentials.



It became evident that an automated process for collecting and verifying the needed documentation was a critical next step to build additional capacity for the academic program.

A Solution:

Cloud-based Technology



SUNY Empire State College's School of Nursing and Allied Health needed innovative cloud-based technology to solve their administrative burdens and help improve efficiencies.

After the implementation of the software, they were able to more effectively track clinical placements and manage the credentialing process for the College's nursing students.

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Prior to establishing this connection, all student information needed to secure clinical placements for undergraduate and graduate nursing students was managed using labor-intensive manual processes and spreadsheets.

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Michael Zinni

Director of Software Development at DAVIN Workforce Solutions

Mike spent the first twenty years of his career working in large software teams for fortune 100 corporations developing mission-critical software for manufacturing and robotics. He built and programmed the automated equipment that manufactured nuclear cores in Seawolf-class submarines; steel mill automation that rolled red-hot steel; and a 100% automated aircraft engine factory. In 1999, he left the corporate world, founded his own software company, and began developing custom desktop software and web-based applications for a wide variety of clients. His work had him advising on highly-classified projects. Mike joined Stat Staff Professionals in August of 2015 after several years working as their programming contractor. Through his 38 years of software development experience, he participated in the fast-paced, ever-changing technological environment.

Background Surrounding the Problem

David Theobald and Bridget Nettleton explored a need for a better credentialing software that fit the college's nursing and allied health programs growing needs. After speaking with a multitude of different Deans and Clinical Coordinators at colleges, David collaborated with Empire State College to build cutting-edge credentialing software. Empire State College came to us because their program was rapidly growing and they needed a more effective method for tracking and reporting clinical placements.

Empire State College went live with the new software and is now able to track the credentials and documentation of their nursing and allied healthcare students. This new system ensures compliance with educational credentialing bodies for both academia and facilities.



Current Methods

Some of the current methods of tracking clinical placements include:

- Sharing via Spreadsheets
- Printing and e-mailing sensitive information
- Labor intensive processes
- Communication required between student, clinical coordinator and faculty
- Storage and archival of sensitive personal identification information

The college was looking for a technology-based solution to these workflow challenges.



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Streamline

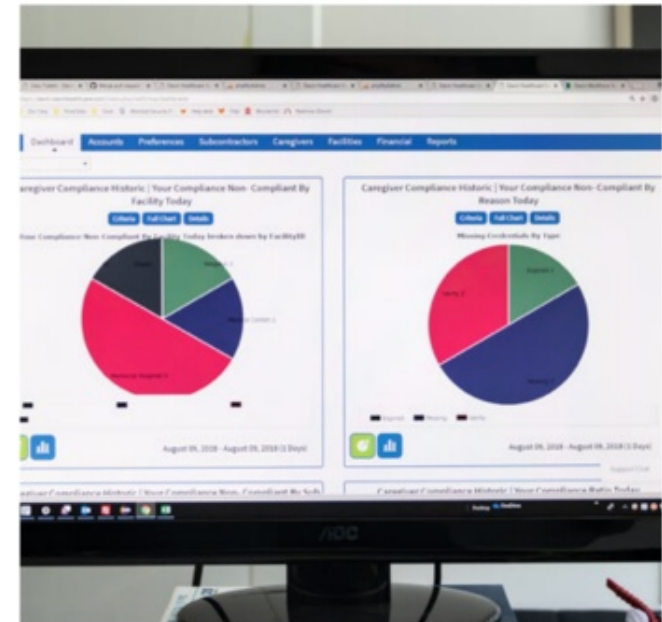
Empire State College was looking for a system to streamline all their processes, and keep all its records in one place that can be securely accessed from any location.

Alerts

The college was looking for a seamless integration. The College needed a system that could provide real-time alerts of missing and expiring credentials to both its students and faculty.

Reporting

The College wanted a user-friendly dashboard to give it instant access to the reports its faculty and administration needed, saving them time so they can focus on engaging with enrolling more students.



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Profile Details

- Account Information
- Personal
- Course History
- Clinical Placement History
- Certifications
- Medical Records
- Clinical Documents
- Cleared Facilities
- Student's Profile
- Document Archive

Clinical History Information For Jane Doe

No Clinical History Information Found.

New Clinical Information

New Clinical History Information

Select Course that applies?

Clinical Name

Clinical Status

Start Date

End Date

Preceptor Information

First, Last Name

Job Title

Preceptor Credentials

Preceptor E-Mail

Work Phone

Student Request Form:

Facility Affiliation Form:

Facility Information for Clinic

Create New Facility or

Facility Name

Address

City, State, Zip Code

Contact First, Last Name

Contact E-Mail Address

Primary Phone

Unit Information

Unit Name

Department Specialty

Screen Position Specialty

The college found that the solution helped ease the burden of managing the credentialing process of both clinical staff and students.

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Security

Audits checking for compliance with the Standards of Accreditation are becoming stricter on how credentialing information is obtained and where this information is stored.

Schools are responsible for protecting this valuable, personal identification information.



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What is one problem that you are facing regarding building clinical capacity within your organization?

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Thank you!

Stop by our table on
Wednesday or Thursday
to discuss your current
challenges with our team.

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